

Package ‘histoslider’

November 21, 2022

Title A Histogram Slider Input for 'Shiny'

Version 0.1

Description A histogram slider input binding for use in 'Shiny'. Currently supports creating histograms from numeric, date, and 'date-time' vectors.

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Encoding UTF-8

RoxygenNote 7.2.2

Imports rlang, htmltools, reactR, shiny

Suggests testthat, shinytest2, bslib

NeedsCompilation no

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input_histoslider	<i>Create a histogram slider</i>
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Description

Creates a Shiny UI input binding to a histogram with a slider "filter" control.

Usage

```
input_histoslider(  
  id,  
  label,  
  values,  
  start = NULL,  
  end = NULL,  
  width = "100%",  
  height = 175,  
  breaks = rlang::missing_arg(),  
  options = list()  
)
```

Arguments

id	An input id.
label	A label for the input (can be NULL or a string).
values	a vector of numeric values for which the histogram is desired.
start	A numeric value for the starting handle.
end	A numeric value for the ending handle.
width, height	Any valid CSS unit defining the width/height.
breaks	determines how histogram bins are computed (see hist() for possible values and details).
options	a list of histoslider options .

Value

A Shiny UI input element.

See Also

[update_histoslider](#)

Examples

```
if (interactive()) {  
  library(shiny)  
  shinyApp(  
    input_histoslider("x", "Random", rnorm(100)),  
    function(input, output) {  
      observe(print(input$x))  
    }  
  )  
}
```

update_histoslider *Update a histogram slider*

Description

Change the value of a `input_histoslider()` on the client (must be called inside a currently active user session). See [here](#) for an example.

Usage

```
update_histoslider(  
  id,  
  label = NULL,  
  values = NULL,  
  start = NULL,  
  end = NULL,  
  breaks = rlang::missing_arg(),  
  options = NULL,  
  session = shiny::getDefaultReactiveDomain()  
)
```

Arguments

<code>id</code>	An input id.
<code>label</code>	A label for the input (can be NULL or a string).
<code>values</code>	a vector of numeric values for which the histogram is desired.
<code>start</code>	A numeric value for the starting handle.
<code>end</code>	A numeric value for the ending handle.
<code>breaks</code>	determines how histogram bins are computed (see <code>hist()</code> for possible values and details).
<code>options</code>	a list of histoslider options .
<code>session</code>	The shiny user session object.

Details

Any arguments with NULL values will be ignored; they will not result in any changes to the input object on the client.

Value

Nothing.

See Also

[input_histoslider](#)

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